

# Instructor

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## Course Description

STA 2023 tries to introduce Statistics to students for the very first time. Even starting from the very definition the whole course is taught in a very user oriented and practical way, to enable the student to use statistics; rather than doing it in a more romantic way as would be liked by a more mathematically oriented mind.

There will be class everyday (Monday through Friday) on 5th period, as mentioned. You will be evaluated on 2 exams and 4 quizzes. Each exam is worth 30 points and each quiz 10.

## Required Materials

- Lab Workbook for Statistics: The Art and Science of Learning from Data [2nd edition]

Authors: Maria Ripol, Megan Mocko, Alan Agresti, Christine Franklin

We will use this book everyday in class. This is a very good book for the introductory level and quite inexpensive. The students are expected to have a new copy (because you will take notes on it) and bring it to class everyday.

- Statistics: The Art and Science of Learning from Data (2nd Edition) [Hardcover]

Authors: Alan Agresti, Christine Franklin

This book explains in detail the topics we will cover in class and is a good textbook. But we will use this only for the problems. I found this book to be a bit expensive for an undergraduate student, so you don't have to buy it. Instead you can get it from the library and do the problems.

- Calculator

Any scientific calculator (around \$10 to \$15) which can calculate statistical functions like mean and standard deviation is good enough, you don't have to buy expensive graphing calculators.

## Lectures

As you know we will have live lectures Monday through Friday, 5th period 2:00-3:15 pm, at Carleton 100. We will have classes everyday except 4th July and the two exams (dates will be announced later). You can also watch the lectures online by logging on to e-learning.

# Online Quizzes

We will have four quizzes at the following dates. Each quiz has 10 multiple choice questions and is worth 10 pts. You have to log on to e-learning to take the quiz and can use any computer with an internet connection for that. The quizzes run from Friday morning 8am to Thursday night 11:59pm. The quizzes will generally cover the topics taught that week. There will be no makeup quizzes for any reason.

Quiz	Starts	Ends
Quiz 1	Friday July 6	Thursday July 12
Quiz 2	Friday July 20	Thursday July 26
Quiz 3	Friday July 27	Thursday August 2
Quiz 4	Friday August 3	Thursday August 9

## Exams

There will be two exams. The tentative dates are July 20 th and August 10 th. The dates may change, you will be informed in the class.

## Tutoring Hours

You can get help about this course from the TA's for this course. The time and schedule and room number will be published soon.

This is a large course with lots of students. Hence it may not be possible for the instructor to answer all of the students questions in the class. The TA will help you in this matter. They will be very helpful and the students can ask them almost any question about this course; it may be about something taught in the class, some course rules, something they got wrong at the quiz and most of all the HW problems given in class. It is generally observed that the students who does the HW problems (himself or with the help of the TA) does well.

## Course Assessment

There will be 2 exams of 30 points each and 4 quizzes of 10 points each. So out of this total 100 points you will be evaluated. The grading scale is as follows.

Percentage Points	Letter Grades	Grade Points
87-100	A	4.0
80-86	A-	3.67
-79	B+	3.33
70-74	B	3

65-69	B-	2.67
60-64	C+	2.33
55-59	C	2
50-54	D	1
below 50	E	0.5